

In the Claims:

Please amend claims 1, 3, 6, 9, and 11-16, as indicated below.

1. (Currently amended) A method, comprising:

in response to receiving a data access request from a client, a metadata server:

determining a maximum expiration time indicated by a next scheduled quiesce time;

generating an access token that grants the client access to data stored on one or more storage devices associated with the metadata server, wherein the access token comprises an expiration time; and

wherein said generating an access token comprises setting the expiration time of the access token to be no later than the maximum expiration time.

2. (Original) The method of claim 1, further comprising:

determining a default expiration time; and

if the default expiration time is earlier than the maximum expiration time, setting the expiration time of the access token to be the default expiration time.

3. (Currently amended) The method of claim 1, further comprising the metadata server providing the access token to [[a]] the client.

4. (Original) The method of claim 3, further comprising:

a storage device receiving a data I/O request associated with the access token; comparing a current system time with the access token's expiration time; denying the data I/O request if the current system time is later than the access token's expiration time.

5. (Original) The method of claim 4, wherein:

the client is one of a plurality of clients;

the access token is one of a plurality of access tokens;

each of the access tokens is provided to a respective one of the plurality of clients;
and

wherein at the next scheduled quiesce time the plurality of access tokens are expired without the metadata server transmitting a message to each client to expire its respective access tokens.

6. (Currently amended) A system, comprising:

a metadata server, wherein the metadata server is configured to:

determine a maximum expiration time indicated by a next scheduled quiesce time in response to receiving a data access request from a client;

generate an access token that grants the client access to data stored on one or more storage devices associated with the metadata server,
wherein the access token comprises an expiration time; and

set the expiration time of the access token to be no later than the maximum expiration time.

7. (Original) The system of claim 6, wherein the metadata server is further configured to:

determine a default expiration time; and

set the expiration time of the access token to be the default expiration time if the default expiration time is earlier than the maximum expiration time.

8. (Original) The system of claim 6, further comprising a storage device, wherein the storage device is configured to:

receive a data I/O request associated with the access token;

compare a current system time with the access token's expiration time; and

deny the data I/O request if the current system time is later than the access token's expiration time.

9. (Currently amended) The system of claim 8, wherein the metadata server is further configured to:

~~receive the data access request from a client; and~~

provide the access token to the client.

10. (Original) The system of claim 9, wherein:

the access token is one of a plurality of access tokens; and

wherein the metadata server is further configured to:

provide one access token of the plurality of access tokens to a respective one of a plurality of clients; and

wherein at the next scheduled quiesce time the plurality of access tokens are expired without the metadata server transmitting a message to each client to expire its respective access tokens.

11. (Currently amended) A computer-readable, storage accessible medium, comprising program instructions configured to implement:

a metadata server determining a maximum expiration time indicated by a next scheduled quiesce time;

generating an access token that grants a client access to data stored on one or more storage devices associated with the metadata server, wherein the access token comprises an expiration time; and

setting the expiration time of the access token to be no later than the maximum expiration time.

12. (Currently amended) The computer-readable, storage accessible medium of claim 11, wherein the program instructions are further configured to implement:

determining a default expiration time; and

if the default expiration time is earlier than the maximum expiration time, setting the expiration time of the access token to be the default expiration time.

13. (Currently amended) The ~~computer-readable, storage~~ accessible medium of claim 11, wherein the program instructions are further configured to implement:

receiving a data I/O request associated with the access token;

comparing a current system time with the access token's expiration time; and

denying the data I/O request if the current system time is later than the access token's expiration time.

14. (Currently amended) The ~~computer-readable, storage~~ accessible medium of claim 13, wherein the program instructions are further configured to implement:

receiving a data access request from [[a]] ~~the~~ client; and

providing the access token to the client.

15. (Currently amended) The ~~computer-readable, storage~~ accessible medium of claim 14, wherein:

the client is one of a plurality of clients;

the access token is one of a plurality of access tokens;

each of the access tokens is provided to a respective one of the plurality of clients;
and

wherein at the next scheduled quiesce time the plurality of access tokens are expired without the metadata server transmitting a message to each client to expire its respective access tokens.

16. (Currently amended) A system, comprising:

means for determining a default expiration time;

means for setting the expiration time of an access token to the earlier of either a maximum expiration time indicated by a next scheduled quiesce time[[],]
or [[a]] the default expiration time, wherein the access token grants a client access to data stored on one or more storage devices associated with a metadata server;

means for receiving a data I/O request associated with the access token;

means for comparing a current system time with the access token's expiration time; and

means for denying the data I/O request if the current system time is later than the access token's expiration time.